

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 290167US0PCT		SERIAL NO. <b>10/580194</b> New U.S. PCT Application Based on PCT/EP05/53547	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Karl KUHMANN, et al.			
				FILING DATE Herewith		GROUP <b>1794</b>	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
<b>WA</b>	AA	6 794 048	09/21/04	SCHMITZ et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO			
<b>WA</b>	AK	37 15 251	12/01/88	DE			NO
	AL	0 659 535	06/28/95	EP			NO
	AM	0 659 534	06/28/95	EP			NO
	AN	0 436 923	07/17/91	EP			NO
	AO	1 216 823	06/26/02	EP			NO
	AP	02/44604	06/06/02	WO (with English abstract)			NO
	AQ	102 04 395	09/18/03	DE			NO
	AR	0 754 898	01/22/97	EP			NO
	AS	2004/033545	04/22/04	WO			NO
	AT	10 182874	07/07/98	JP (English abstract only)			NO
<b>V</b>	AU	10 001592	01/06/98	JP (English abstract only)			NO
	AV	03 568663	09/22/04	JP (English abstract only)			NO
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ						<input type="checkbox"/> Additional References sheet(s) attached
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

1AP20 Rec'd PCT/PTO 23 MAY 2006 / 2 of 2  
-WA

Docket No.: 290167US0PCT

Serial No. New  
Application 18/580194

LIST OF RELATED CASES CITED BY  
APPLICANT UNDER 37 CFR 1.56

Inventor: Karl KUHMAN, et al.

Filing Date: Herewith

Group: 1794

LIST OF RELATED CASES

<u>Examiner Initial</u>	<u>Docket No.</u>	<u>Serial or Patent Number</u>	<u>Filing or Issue Date</u>	<u>Patent App. Publication No.</u>	<u>Inventor or Applicant</u>
WA	215747US0	6,794,048	09/21/04		SCHIMTZ, et al.

Examiner

*W. B. Cybik*

Date Considered

01/10/08

NFO/kch

Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

290167US0PCT

SERIAL NO.

10/580,194

## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Karl KUHMANN, et al.

FILING DATE

May 23, 2006

GROUP

1794

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
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	AL						
	AM						
	AN						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
WA	AO	1 362 890	11/19/2003	EP (equivalent of US 2003 0232207)		NO
	AP	0 671 582	09/13/1995	EP (equivalent of US 5 706 864)		NO
	AQ	44 28 236	11/02/1995	DE		NO
	AR	01 42005	06/14/2001	WO (with English abstract)		NO
	AS	01 42701	06/14/2001	WO (with English abstract and equivalent of US 2002 0179170)		NO
	AT					
	AU					
	AV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	
	AX	
	AY	
	AZ	

☐ Additional References sheet(s) attached

Examiner

Date Considered 01/10/08

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U.S. PCT Application Serial No: 10/580,194

Filed: May 23, 2006

Karl KUHMAN, et al.

Docket No. 290167 US

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-WA

#### STATEMENT OF RELEVANCY

- 1) References have been cited in the International Search Report. A copy of these references is being submitted herewith.
- 2) References have been cited in the corresponding Search Report. A copy of these references is being submitted herewith.
- 3) References AO-AS are discussed in the specification. A copy of these references is being submitted herewith.
- 4) References are additional prior art known to Applicant. A copy of these references is being submitted herewith.

WA

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WA	AA	5,404,915	04/11/95	MUEGGE et al.			
	AB	5,313,987	05/24/94	ROEBER et al.			
	AC	5,500,263	03/19/96	ROEBER et al.			
	AD	5,512,342	04/30/96	ROEBER et al.			
	AE	5,554,426	09/10/96	ROEBER et al.			
	AF	5,858,492	01/12/99	ROEBER et al.			
	AG	5,798,048	08/25/98	RIES			
	AH	6,161,879	12/19/00	RIES et al.			
	AI	6,528,137	03/04/03	FRANOSCH et al.			
	AJ	6,680,093	01/20/04	RIES et al.			
	AK	6,090,459	07/18/00	JADAMUS et al.			
	AL	6,451,395	09/17/02	RIES, et al.			
	AM	6,428,866	08/06/02	JADAMUS et al.			
	AN	2002/0142118	10/03/02	SCHMITZ et al.			

## FOREIGN PATENT DOCUMENTS

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					YES	NO
	AO					
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
WA	AAA	6,783,821	08/31/04	RIES et al.			
	ABA	2003/0072987	04/17/03	RIES et al.			
	ACA	2003/0124281	07/03/03	RIES et al.			
	ADA	2004/0140668	07/22/04	MONSHEIMER et al.			
	AEA	2004/0202908	10/14/04	SCHMITZ et al.			
	AFA	7,025,842	04/11/06	MONSHEIMER et al.			
	AGA	2004/0265527	12/30/04	SCHMITZ et al.			
	AHA	2006/0083882	04/20/06	SCHMITZ et al.			
	AIA	2006/0078752	04/13/06	SCHMITZ et al.			
	AJA	2006/0099478	05/11/06	SCHMITZ et al.			
	AKA	2006/0141188	06/29/06	SCHMITZ et al.			
	ALA	6,335,101	01/01/02	HAEGER et al.			
	AMA	2001/0018105	08/30/01	SCHMITZ et al.			
✓	ANA	6,355,358	03/12/02	BOEER et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AOA					
	APA					
	AQA					
	ARA					
	ASA					
	ATA					
	AUA					
	AVA					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AWA	
	AXA	
	AYA	
	AZA	

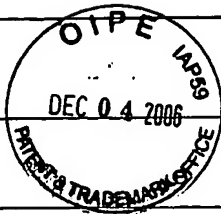
☐ Additional References sheet(s) attached

Examiner

Date Considered

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LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Karl KUHMAN, et al.			
				FILING DATE May 23, 2006		GROUP 1794	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
WA	AAB	6,793,997	09/21/04	SCHMITZ			
	ABB	6,579,581	06/17/03	BARTZ, et al.			
	ACB	6,677,015	01/13/04	HIMMELMANN, et al			
	ADB	6,660,796	12/09/03	SCHUELER et al.			
	AEB	6,407,182	06/18/02	MAUL et al.			
	AFB	6,391,982	05/21/02	HAEGER et al.			
	AGB	6,538,073	03/25/03	OENBRINK et al.			
	AHB	6,726,999	04/27/04	SCHUELER et al.			
	AIB	2003/0212174	11/13/03	PEIRICK et al.			
	AJB	6,766,091	07/20/04	BEUTH et al.			
	AKB	2006/0100323	05/11/06	SCHMIDT et al.			
	ALB						
	AMB						
	ANB						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AOB						
	APB						
	AQB						
	ARB						
	ASB						
	ATB						
	AUB						
	AVB						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AWB						
	AXB						
	AYB						
	AZB						
Examiner <i>Mark B. Lytle</i>					<input type="checkbox"/> Additional References sheet(s) attached Date Considered 01/10/08		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



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	Docket No.: 290167US0PCT	Serial No.: 10/580,194
LIST OF RELATED CASES CITED BY APPLICANT UNDER 37 CFR 1.56	Inventor: Karl KUHMANN, et al.	
	Filing Date: May 23, 2006	Group: 1794

**LIST OF RELATED CASES**

Examiner Initial	Docket No.	Serial or Patent Number	Filing or Issue Date	Patent App. Publication No.	Inventor or Applicant
WA	0689-0377-0	5,404,915	04/11/95		MÜGGE, et al.
	0689-0394-0	5,313,987	05/24/94		RÖBER, et al.
	0689-0451-0	5,500,263	03/19/96		RÖBER, et al.
	0689-0454-0	5,512,342	04/30/96		RÖBER, et al.
	0689-0503-0	5,554,426	09/10/96		RÖBER, et al.
	0689-0591-0	08/609,612	03/01/96		JADAMUS, et al.
	0689-0567-0	5,858,492	01/12/99		ROEBER, et al.
	0689-0595-0	5,798,048	08/25/98		RIES
	0689-0693-3	6,161,879	12/19/00		RIES, et al.
	0689-0692-0	6,528,137	03/04/03		FRANOSCH, et al.
	0689-0761-0	6,680,093	01/20/04		RIES, et al.
	0689-0591-0FWC	6,090,459	07/18/00		JADAMUS, et al.
	9350-0087-0	6,451,395	09/17/02		RIES, et al.
	0689-0813-0 DIV	6,428,866	08/06/02		JADAMUS, et al.
	211217US0	10/024,386	12/21/01	US2002/0142118 A1	SCHMITZ, et al.
	213260US0	6,783,821	08/31/04		RIES, et al.
	222632US0	10/269,052	10/11/02	US2003/0072987 A1	RIES, et al.

\*Present Application; listed for information  
NFO/sbs

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WA

230320US0	10/329,531	12/27/02	US2003/0124281 A1	RIES, et al.
236706US0	10/670,528	09/26/03	US2004/0140668 A1	MONSHEIMER, et al.
245964US0	10/820,862	04/09/04	US2004/0202908 A1	SCHMITZ, et al.
244646US6	7,025,842	04/11/06		MONSHEIMER, et al.
243915US0CONT	10/681,279	10/09/03	US2004/0265527 A1	SCHMITZ, et al.
290167US0PCT*	10/580,194	05/23/06		KUHMANN, et al.
293369US0PCT	10/588,487	08/04/06		SCHMITZ, et al.
278180US0	11/240,493	10/03/05	US2006/0083882 A1	SCHMITZ, et al.
278380US0	11/246,274	10/11/05	US2006/0078752 A1	SCHMITZ, et al.
278614US0	11/246,206	10/11/05	US2006/0099478 A1	SCHMITZ, et al.
286464US0CONT	11/357,971	02/22/06	US2006/0141188 A1	SCHMITZ, et al.
9350-0148-0	6,335,101	01/01/02		HAEGER, et al.
195464US0	09/753,613	01/04/01	US2001/0018105 A1	SCHMITZ, et al.
192058US0	6,355,358	03/12/02		BÖER, et al.
200723US0	6,793,997	09/21/04		SCHMITZ
201899US0	6,579,581	06/17/03		BARTZ, et al.
213227US0	6,677,015	01/13/04		HIMMELMANN, et al.
213811US0	6,660,796	12/09/03		SCHUELER, et al.
195554US0	6,407,182	06/18/02		MAUL, et al.
9350-0192-0	6,391,982	05/21/02		HAEGER, et al.
9350-0193-0	6,538,073	03/25/03		OENBRINK, et al.
212354US0	6,726,999	04/27/04		SCHUELER, et al.
225983US0	10/340,663	01/13/03	US2003/0212174 A1	PEIRICK, et al.

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WA



233813US0	6,766,091	07/20/04		BEUTH, et al.
263761US0XPCT	10/519,402	09/09/05	US2006/0100323 A1	SCHMIDT, et al.
291789US0PCT	10/589,264	08/14/06		WURSCHE, et al.
297261US0	11/586,526	10/26/06		WURSCHE, et al.

Examiner

*Walt B. Gylfe*

Date Considered

01/10/08

6/29/07 - WA

Docket No.: 290167US0PCT

Serial No.: 10/580,194

LIST OF RELATED CASES CITED BY  
APPLICANT UNDER 37 CFR 1.56

Inventor: Karl KUHLMANN, et al.

Filing Date: May 23, 2006

Group: ~~1772~~ 1794

**LIST OF RELATED CASES**

<u>Examiner Initial</u>	<u>Docket No.</u>	<u>Serial or Patent Number</u>	<u>Filing or Issue Date</u>	<u>Patent App. Publication No.</u>	<u>Inventor or Applicant</u>
WA	304520US0	11/685,283,	03/13/07		DOWE, et al.
WA	290167US0PCT*	10/580,194	05/23/06		KUHLMANN, et al.

Examiner

*Karl B. Goff*

Date Considered

6/10/08

\*Present Application; listed for information  
NFO/ach

9/01/07 -WA

	Docket No.: 290167US0PCT	Serial No.: 10/580,194
LIST OF RELATED CASES CITED BY APPLICANT UNDER 37 CFR 1.56	Inventor: Karl KUHMAN, et al.	
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**LIST OF RELATED CASES**

Examiner Initial	Docket No.	Serial or Patent Number	Filing or Issue Date	Patent App. Publication No.	Inventor or Applicant
WA ↓	290167US0PCT*	10/580,194	05/23/06	US2007/0148388 A1	KUHMAN, et al.
	312968US0PCT	11/816,595	08/17/07		HAEGE, et al.
	312964US0PCT	11/816,588	08/17/07		HAEGE, et al.
	312115US0PCT	11/816,556	08/17/07		WURSCHE, et al.
	310618US0PCT	11/813,103	06/29/07		BAUMANN, et al.

Examiner



Date Considered

01/10/08

\*Present Application; listed for information  
NFO/sbs